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U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

INFORMATION DISCLOSURE CITATION

ATTY. DOCKET NO.

9325-3CT1 (156244)

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APPLICANT:

Doug Ulbrich et al.

FILING DATE

Herewith

Not yet assigned

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
M.R	AA	3,086,242	4/1963	Cook	18	1	7/15/60
gn.P	AB	3,135,642	6/1964	Ruffer	161	36	1 13/61
9n. P.	AC	3,154,458	10/1964	Mulla	161	36	6/5/6/
gh . g	AD	3,245,861	4/1966	Roshkind	156	505	3/24/61
n.R	AE	3,642,555	2/1972	Nagoshi et al.	156	505	1/18/69
n.p.	AF	4,200,676	4/1980	Caponigro et al.	428	57	40/2118
2.8	AG	4,381,058	10/1995	Chaussadas et al.	206	497	12/4/81
92 . P.	AH	4,375,490	3/1983	Jensen et al.	428	60	11/16/81
mal	ΑI	4,406,721	9/1983	Hoffmann	156	86	11/1/82
n.P.	AJ	4,473,430	9/1984	Voltmer et al.	156	504	1/6/86
m.P.	AK	4,563,379	1/1986	Krüger	428	61	2/15/83

FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES	NO
me	AL	2719597	11/1978	Germany		_	Abstract	
m.R.	AM	0498249	8/1992	EPO	-	_		
2.P.	AN	59182831	10/1984	Japan			Abstract	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
m.B.	BA	4,645,558	2/1987	Sato	156	351	8/10/84
mil	BB	4,736,775	4/1988	Oxley	138	118.1	12/24/86
& P	BC	4,738,739	4/1988	Schoonderbeek	156	159	1/4/86
n.R	BD	4,762,289	8/1988	Nuttall	242	58.1	2/20/87
m.P.	BE	4,842,022	6/1989	Oxley et al.	138	118.1	3/31/88
m.P.	BF	4,863,110	9/1989	Sakaguchi et al.	242	56 R	4/19/88
mr.	BG	4,936,076	6/1990	Hautemont	53	453	9/1/88
n.P.	ВН	5,134,000	7/1992	Smythe et al.	428	34.9	5/1/90
92 P	BI	5,152,858	10/1992	Winter.	156	157	4/16/91
2.1	BJ	5,236,527	8/1993	Brodsky	156	85	1/9/92
92.P.	BK	5,314,749	5/1994	Shah	428	349	3/19/93

FOREIGN PATENT DOCUMENTS

	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES	NO
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	BN		
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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	1	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
m.P	CA	5,397,615	3/1995	Van Beer	sel et al.	428	57	7/9/83
2 P.	СВ	5,403,635	4/1995	Hoffman		428	34.7	8/10/83
h.e	CC	5,405,470	4/1995	Held		156	159	2/1/94
m.P	CD	5,427,639	6/1995	Minarell	.i	156	157	3/24/94
n. Ps	CE	5,460,878	10/1995	Hostette	er	428	349.1	16/26/82
m.P	CF	5,472,755	12/1995	Nibling,	Jr.	428	40	11/4/93
m.P.	CG	5,904,986	5/1999	Langan		428	41.8	16/16/97
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	CI							
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FOREIGN PATENT DOCUMENTS

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
m. P.	DA	5,604,043	2/1997	Ahlgren	428	518	9/20/97
n.P.	DB	5,614,315	3/1997	Kondo et al.	428	332	1/20/95
m.R	DC	5,691,043	11/1997	Keller et al.	428	212	4/20195
M.P.	DD	5,709,599	1/1998	Christensen	452	34	9/16/92
mp	DE	5,788,898	8/1998	Nishimura et al.	264	290.2	9/1/97
n.P.	DF	5,809,674	9/1998	Key	40	306	5/23/96
m. R	DG	5,832,162	11/1998	Sarbell	385	99	2/7/97
92.P.	DH	5,876,376	3/1999	Schwab et al.	604	103	12/9/96
m P.	DI	5,904,964	5/1999	Snyder	428	35.1	9/6/94
92.P.	DJ	5,922,154	7/1999	Lowenhaupt et al.	152	531	8/9/96
n.B	DK	6,064,000	5/2000	Kim	174	36	11/29/95
n.B	DL	6,291,043	9/2001	Abbott	428	36.9	12/3/99
92-R	DM	6,296,129	10/2001	Kawasaki	215	12.1	9/16/96
n.P	DN	6,337,115	1/2002	McMahon	428	36.9	7/30/99

FOREIGN PATENT DOCUMENTS

	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES	NO
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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